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Robert Moll
Robert Moll, Reg. No. 33,741

U.S. PATENT AND TRADEMARK OFFICE

In re Application of: Vikram Kapoor et al.	Examiner: Unknown
Title: Snapshots of File Systems in Data Storage Systems	Art Unit: 2186
Application No. 10/616,128	Attorney Docket No. Pillar 714
Filing date: July 08, 2003	

INFORMATION DISCLOSURE STATEMENT

Director of the United States
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Dear Examiner:

This Information Disclosure Statement is submitted:

X under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of
international application; or before mailing date of first office action on
the merits; whichever occurs last)

☐ under 37 CFR 1.97(c) together with either:

☐ a certification under 37 CFR 1.97(e),

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with a:

☐ Certification under 37 CFR 1.97(e), and

☐ a petition under 37 CFR 1.97(d)(2)(ii), and

☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit an information disclosure statement and PTO/SB/08A form(s), and/or PTO/SB/08B form(s)

☒ Applicant(s) submit copies of patents, publications, and/or other information to be reviewed in examination for which there may be a duty to disclose under 37 CFR 1.56, or

☐ Applicant(s) submitted copies of such patents, publications, or other information in an information disclosure in earlier US Application No. _____, which is relied on for an earlier effective filing date under 35 USC 120

Please call if you have a question, comment or it will expedite prosecution.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robert Moll", is written over a horizontal line.

Robert Moll

Reg. No. 33,741

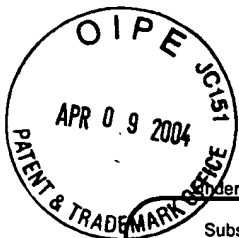
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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

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of

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Application Number	10/616,128
Filing Date	07/08/2003
First Named Inventor	Vikram Kapoor et al.
Art Unit	2186
Examiner Name	Unknown
Attorney Docket Number	Pillar 714

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,490,659 B1	12-03-2002	McKean et al.	
		US- 6,484,186 B1	11-19-2002	Rungta	
		US- 6,311,193 B1	10-30-2001	Sekido	
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		US- 2002/0133735 A1	09-19-2002	McKean et al.	
		US- 2002/0083037 A1	06-27-2002	Lewis et al.	
		US- 2002/0049718 A1	04-25-2002	Kleiman et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

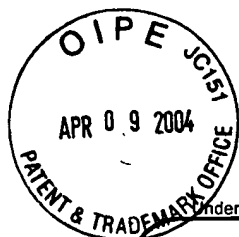
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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Examiner Name	Unknown
Attorney Docket Number	Pillar 714

Sheet

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		McKUSICK, JOY, LEFFLER, and FABRY, A Fast File System for UNIX, ACM Transactions on Computer Systems, August 1984, pages 181-197, Vol. 2, No. 3, US	
		McKUSICK and GANGER, Soft Updates: A Technique for Eliminating Most Synchronous Writes in the Fast Filesystem, Proceedings of the FREENIX Track: 1999 USENIX Annual Technical Conference, June 6-11, 1999, pages 1-18, Monterey, US	
		ROSENBLUM and OUSTERHOUT, The Design and Implementation of a Log-Structured File System, ACM Transactions on Computer Systems, February 1992, pages 26-52, Vol. 10, No. 1, Berkeley, US	
		ROSENBERG, DEARLE, HULSE, LINDSTROM and NORRIS, Operating System Support for Persistent and Recoverable Computations, Communications of The ACM, September 1996, pages 62-69, Vol. 39, No. 9, US	
		LEE and THEKKATH, Petal: Distributed Virtual Disks, copyrighted 1996, pages 84-92, ACM, Inc. MA, US	

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